

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-28 (Canceled)

Claim 29 (Currently Amended): A process to inhibit the formation of scale in a water system at both ~~high (e.g. wellhead [I])~~ and ~~low (e.g. seabed [D])~~ temperatures comprising ~~the~~ a step of adding to the water system of a scale inhibiting amount of a composition comprising:

- (a) a copolymer of an unsaturated phosphonic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~ with an unsaturated sulphonic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~ or an unsaturated carboxylic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~; or
- (b) a terpolymer of an unsaturated phosphonic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~ with an unsaturated sulphonic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~ and an unsaturated carboxylic acid ~~[(I)]~~ or a salt of such an acid ~~[(I)]~~

wherein the system water temperature at a wellhead is in the range of 80-200°C and a seabed temperature is below 40°C, and

wherein the formation of scale in the water system is inhibited at both the wellhead and seabed temperatures.

Claim 30 (Canceled)

Claim 31 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid (VPA) [[()]] or a salt thereof [[()]] and vinylsulphonic acid (VSA) [[()]] or a salt thereof [[()]].

Claim 32 (Currently Amended): The process according to claim 29, wherein the composition comprises a 1:20 copolymer of vinylphosphonic acid VPA and vinylsulphonic acid VSA.

Claim 33 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid VPA [[()]] or a salt thereof [[()]] and acrylic acid (AA) [[()]] or a salt thereof [[()]] or methacrylic acid (MAA) [[()]] or a salt thereof [[()]].

Claim 34 (Currently Amended): The process according to Claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid (VDPA) [[()]] or a salt thereof [[()]] and acrylic acid AA [[()]] or a salt thereof [[()]] or methacrylic acid MAA [[()]] or a salt thereof [[()]].

Claim 35 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid VDPA [[()]] or a salt thereof [[()]] and vinylsulphonic acid VSA [[()]] or a salt thereof [[()]].

Claim 36 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid VPA [[()]] or a salt

thereof [D]], acrylic acid AA [[()]] or a salt thereof [[()]] and vinylsulphonic acid VSA [[()]] or a salt thereof [[()]].

Claim 37 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid VPA [[()]] or a salt thereof [[()]], methacrylic acid MAA [[()]] or a salt thereof [[()]] and vinylsulphonic acid VSA [[()]] or a salt thereof [[()]].

Claim 38 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA [[()]] or a salt thereof [[()]], acrylic acid AA [[()]] or a salt thereof [[()]] and vinylsulphonic acid VSA [[()]] or a salt thereof [[()]].

Claim 39 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA [[()]] or a salt thereof [[()]], methacrylic acid MAA [[()]] or a salt thereof [[()]] and vinylsulphonic acid VSA [[()]] or a salt thereof [[()]].

Claim 40 (Currently Amended): The process according to claim 29, wherein in the composition any the salt of the phosphonic acid, sulphonic acid or carboxylic acid is a wholly-neutralised or partially-neutralised salt.

Claim 41 (Previously Presented): The process according to claim 40, wherein the salt is a sodium salt, a potassium salt or an ammonium salt.

Claim 42 (Currently Amended): The process according to claim 29, wherein the amount of the composition is up to 1000 ppm, ~~optionally from 1 ppm to 200 ppm.~~

Claim 43 (Canceled)

Claim 44 (Canceled)

Claim 45 (Previously Presented): The process according to claim 29, wherein the water system is operatively associated with an oilfield or oil-well.

Claims 46 - 52 (Canceled)

Claim 53 (New): The process according to claim 29, wherein the amount of the composition is from 1 ppm to 200 ppm.